

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5579884").PN.	USPAT; USOCR	OR	OFF	2008/03/24 16:15
S2	237	72/31.01.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S3	147	72/31.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S4	79	72/31.11.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S5	205	72/37.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S6	210	72/20.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S7	160	72/20.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S8	179	72/21.3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16
S9	222	72/389.3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:16

S10	201	192/130.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:17
S11	34	100/341.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:17
S12	36	100/342.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:17
S13	18	100/348.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:17
S14	4015	(press or pressing) and safety and ((optoelectronic or optical) near2 (sensor or sensing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/24 16:18
S15	5294	CMOS and receiver and matrix	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 13:51
S16	92	"100"/\$.ccls. and (press or pressing) and safety and (optoelectronic or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 13:53
S17	1	("6316763").PN.	USPAT; USOCR	OR	OFF	2008/03/25 14:00
S18	1	("6166371").PN.	USPAT; USOCR	OR	OFF	2008/03/25 14:02
S19	5	("20020104958" "20020170401" "5579884" "6316763" "6752253").PN. OR ("7286895").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:05
S20	4	("20030010137" "6316763" "6677574" "6752253").PN. OR ("7034929").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:13

S21	5	("5583334" "6316763"). PN. OR ("6660993"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:14
S22	83	"72"\$.cls. and (press or pressing) and safety and (optoelectronic or optical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 15:16
S23	11	(US-20030024421-\$ or US- 20020170401-\$ or US- 20020104958-\$).did. or (US-5579884-\$ or US- 6316763-\$ or US-6166371- \$ or US-7034929-\$ or US- 6660993-\$ or US-6919554- \$ or US-4430879-\$ or US- 4166369-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/25 16:57
S24	2	S23 and CMOS	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 16:57
S26	2	10/234639.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 17:14
S27	0	("2003/0062469").URPN.	USPAT	OR	ON	2008/03/25 17:17
S28	2	("4166369" "5579884"). PN. OR ("6919554"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 17:17
S29	12	(US-20030024421-\$ or US- 20020170401-\$ or US- 20020104958-\$ or US- 20030062469-\$).did. or (US-5579884-\$ or US- 6316763-\$ or US-6166371- \$ or US-7034929-\$ or US- 6660993-\$ or US-6919554- \$ or US-4430879-\$ or US- 4166369-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/25 17:18
S30	7	S29 and speed	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 17:18

S31	6	S29 and (speed same switch\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 17:44
S32	3	("2002/0104958").URPN.	USPAT	OR	ON	2008/03/25 17:45
S33	5	("20020104958" "20020170401" "5579884" "6316763" "6752253").PN. OR ("7286895").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 17:46
S34	8	("20020104958" "3704396" "4357820" "4527684" "6316763"). PN. OR ("6752253"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 17:47
S35	14	(US-20030024421-\$ or US- 20020170401-\$ or US- 20020104958-\$ or US- 20030062469-\$).did. or (US-5579884-\$ or US- 6316763-\$ or US-6166371- \$ or US-7034929-\$ or US- 6660993-\$ or US-6919554- \$ or US-4430879-\$ or US- 4166369-\$ or US-7286895- \$ or US-6752253-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/25 17:51
S36	3	S35 and cmos	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 17:51
S37	8	S35 and zone	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/25 18:15
S38	18	("1958128" "3970846" "4166369" "4489578" "4660703" "5579884"). PN. OR ("6316763"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 18:15
S39	20	((INGOLF) near2 (BRAUNE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:41
S40	22	((INGOLF) near2 (BRAUNE)).INV.	EPO; JPO; DERWENT	OR	ON	2008/03/26 14:47
S41	8	((ROLAND) near2 (BERGBACH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:47
S42	5	((ROLAND) near2 (BERGBACH)).INV.	EPO; JPO; DERWENT	OR	ON	2008/03/26 14:48

S43	1	((JOERG) near2 (GRABINGER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:48
S44	7	((JOERG) near2 (GRABINGER)).INV.	EPO; JPO; DERWENT	OR	ON	2008/03/26 14:48
S45	14	(US-20030024421-\$ or US-20020170401-\$ or US-20020104958-\$ or US-20030062469-\$).did. or (US-5579884-\$ or US-6316763-\$ or US-6166371-\$ or US-7034929-\$ or US-6660993-\$ or US-6919554-\$ or US-4430879-\$ or US-4166369-\$ or US-7286895-\$ or US-6752253-\$).did.	US-PGPUB; USPAT	OR	ON	2008/03/26 15:34
S47	0	S45 and (workpiece near3 (deactivat\$4 or activat\$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:38
S48	0	S45 and ((deactivat\$4 or activat\$4) near3 (workpiece or sheet))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:39
S49	17	(press or pressing) and safety and ((optoelectronic or optical) near2 (sensor or sensing)) and ((deactivat\$4 or activat\$4) near3 (workpiece or sheet))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:39
S50	83	(press or pressing) and safety and ((optoelectronic or optical) near2 (sensor or sensing)) and (positioning adj sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:46
S51	1810	(press or pressing) and (positioning adj sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:48
S52	12	"72"\$.cls. and (press or pressing) and (positioning adj sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:48

S53	3	"72"/\$.ccls. and ((positioning adj sensor same activat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:52
S54	0	"100"/\$.ccls. and ((positioning adj sensor same activat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:52
S55	11	"100"/\$.ccls. and (positioning adj sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:53
S56	45	"72"/\$.ccls. and (positioning adj sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:53
S57	66	72/3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 16:06
S58	145	72/4.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 16:06
S59	11	("20010041077" "20020070860" "3186256" "3710050" "4060160" "4430879" "4936126" "5081406" "6131429" "6163374"). PN. OR ("7281403"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 16:25
S60	41	(light same deactivate same workpiece)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 16:41
S61	82	(light same deactivat\$4 same workpiece)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 16:54
S62	2	"20030062469"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/12 09:05

S63	1	10/579133.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:09
S64	84	72/31.11.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:13
S65	208	72/37.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:26
S66	1	(((((protected or protection) near2 zone) near2 (reduce or reduced or smaller))) and (sensor or detector)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:29
S67	1	(((((protected or protection) near2 zone) near2 (reduce or reduced or reducing or smaller))). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:29
S68	9225	((light or beam) near2 (reduce or reduced or reducing or smaller)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:30
S69	2199	((light or beam) near2 (reduce or reduced or reducing or smaller) and (sensor or detector or indicator)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:31
S70	22	((light or beam) near2 (reduce or reduced or reducing or smaller) and (sensor or detector or indicator) and tool).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:31
S71	11	(((((protected or protection) near2 zone) near2 (reduce or reduced or smaller))) and (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/28 09:39

5/ 28/ 2009 10:13:29 AM

H:\ EAST\ Workspaces\ 10579133.wsp